

Technically Speaking Continuing Education



High Impact Visual Tools for the Marine and Diving Sciences



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Disclaimer

Prior to engaging in any extended range diving activities, person (s) must be first qualified and certified by a recognized training agency.

The material found in this program is only intended to promote and augment that training.

Information in this program is subject to change according to developing occupational practices. It is therefore required that anyone presenting this material first ensure that it meets current industry standards



Before we begin...

- ✓ As a courtesy please turn off all cell phones and pagers
- ✓ Location of washrooms, amenities, parking, and emergency exit protocol
- ✓ Breaks, meals and general class rules
- ✓ Your participation is expected, questions and group discussion are encouraged



Extended Range

Extended Range really means that a diver is extending the range of **skills, knowledge, equipment** and **experience** necessary to make a safe dive

i.e. there is a difference in complexity for a single tank dive; and diving with a twin set of tanks on a manifold using mixed gases and diving decompression



Extended Range may also indicate that a dive will take the diver into an **environment** more challenging than that of a typical entry level dive.





i.e. into a deep cave, wreck or to depths exceeding 130 fsw (40 msw)

Extended Range

In fact, a diver begins to 'Extend the Range' after the first dive he or she will make.

i.e. any new piece of equipment, any new skill learned

In reality, Extended Range training really begins at the open water level!



Extended Range

SSI recognizes that at a certain point the complexity of the dive requires a more 'technical' approach than say...a dive conducted within traditional 'limits'

But what are those traditional limits?



Extended Range

Extended Range or what historical has been referred to as 'Technical' Diving can generally be defined as ...

1. Any dive below 130fsw (40 msw)
2. Any dive that requires mandatory decompression
3. Any dive in an overhead environment



Extended Range Programs

The Basic Technical Programs like Advanced Nitrox and Wreck Diver offer a solid foundation for all divers ready to expand and extend their range of diving activities.

These programs provide the essential skills, knowledge, experience and training on equipment required to participate in other levels of Extended Range or 'Technical' diver training.



And after the Basic Technical Programs?



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TECHNICAL FOUNDATIONS → **CAVERN**

↓
DECOMPRESSION PROCEDURES

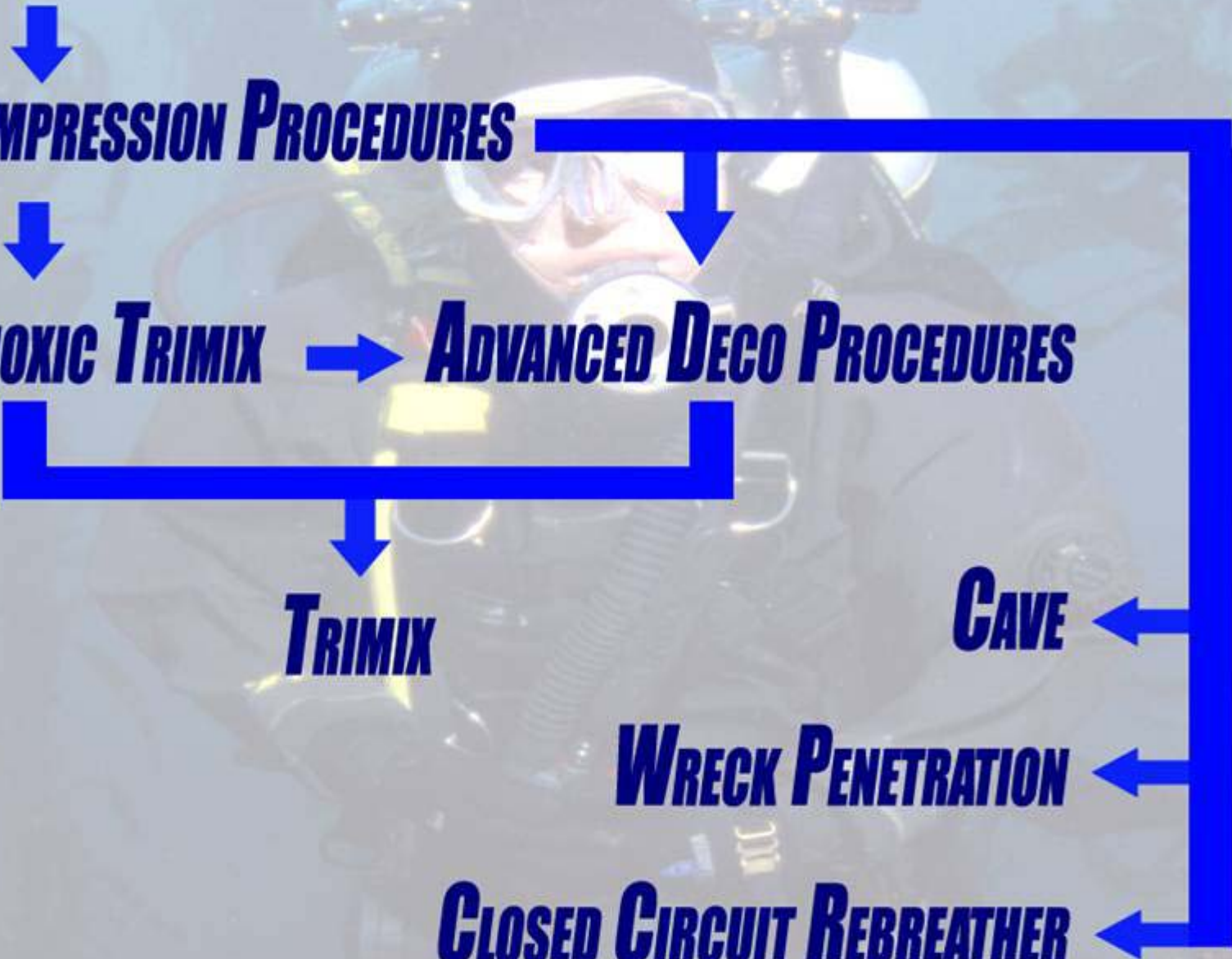
↓
NORMOXIC TRIMIX → **ADVANCED DECO PROCEDURES**

↓
TRIMIX

← **CAVE**

← **WRECK PENETRATION**

← **CLOSED CIRCUIT REBREATHER**



How far do you want to go?

There are an endless number of avenues a person can follow to develop their diving ability.

Remember that it is about exploration – not collecting cards.

What are your interests?



RETENTION

Continue your training!

You will lose your skills if you do not and that will make you an incompetent diver.



What are you
doing to this
weekend?

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